

A LIST OF BUTTERFLIES COLLECTED BY CAPTAIN
 F. M. BAILEY IN WESTERN CHINA, SOUTH-
 EASTERN TIBET AND THE MISHMI
 HILLS, 1911.

By

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(Continued from Vol. XXII, p. 345.)

Sub-Family.—PIERINÆ.

125. DELIAS BELLADONNA.

Papilio belladonna, Fabr., Ent. Syst. iii, p. 180 (1793).

Delias sanaca var *subnubila*, Leech, Butt. China, Japan and Corea, p. 421, pl. XXXVII, figs. 7 ♂, 8 ♀ (1893).

Four male specimens and one female, the males referable to the form *subnubila*, Leech.

Drowa Gompa (10,000 ft.), June 21; Chikung (8,300 ft.), July 3; Tsachung (7,000 ft.), July 4 ♀.

126. DELIAS AGLAIA.

Papilio aglaia, Linn., Syst. Nat. x, p. 465 (1758).

Delias aglaia, Moore, Lep. Ind. vi, p. 169, figs. 1-1d (1905); Bingham, Faun. Brit. Ind., Butt. ii, p. 145 (1907).

Two male specimens.

Ta Shian Liang (15,000 ft.), July 31; Digaru River (12,000 ft.), August 3.

127. DELIAS THYSBE.

Papilio thysbe, Cramer, Pap. Exot. iii, pl. 233, fig. c (1782).

Thyca pyramus, Wallace, Trans. Ent. Soc., 1867, p. 347.

Delias thysbe, Moore, Lep. Ind. vi, p. 171, pl. 532, fig. 1-1c. (1905); Bingham, Faun. Brit. Ind., Butt. ii, p. 146 (1907).

One male specimen.

Ding Manon (2,000 ft.), July 27.

128. PRIONERIS THESTYLIS.

Pieris thestylis, Doubleday, Gray's Zool. Misc., p. 76 (1842).

Prioneris thestylis, Moore, Lep. Ind. vi, p. 187, pls. 538, 539 (1905); Bingham, Faun. Brit. Ind., Butt. ii, p. 151 (1907).

Two male specimens.

Tulang (7,000 ft.), July 16; Habong River (1,900 ft.), August 2.

129. HYPOSCRITIA INDRA.

Pieris indra, Moore, Cat. Lep. E. I. C. i, p. 74 (1857).

Hyposcritia indra, Moore, Lep. Ind. vi, p. 226, pl. 549, figs. 1-1b (1905).

Appias indra, Bingham, Faun. Brit. Ind., Butt. ii, p. 205 (1907).

One female specimen.

Khupa (2,500 ft.), July 25.

130. HUPHINA NADINA.

Pieris nadina, Lucas, Rev. Mag. Zool., 1852, p. 333.

Huphina nadina, Moore, Lep. Ind. vi, p. 214, pl. 545, figs. 2-2e (1905); Bingham, Faun. Brit. Ind., Butt. ii, p. 188 (1907).

Three specimens.

Tila (3,000 ft.), July 23 (1 ♂, 1 ♀); Ta Shian Liang (1,500 ft.), July 31.

131. *HUPHINA HIRTA.*

Pieris hirta, Moore, Proc. Zool. Soc. Lond., 1865, p. 490, pl. 31, fig. 17, ♂.

Huphina coronis, Moore, Lep. Ind., vi p. 207 (1905).

Huphina nerissa, Bingham, Faun. Brit. Ind., Butt. ii, p. 183 (1907).

A male specimen.

Pangam (2,500 ft.), July 29.

132. *TACHYRIS HIPPO.*

Papilio hippo, Cramer, Pap. Exot. iii, pl. 195, figs. B, C (1782).

Appias hippo, Bingham, Fauna Brit., Ind., Butt. ii, p. 203 (1907)

A male specimen of the typical form.

Salamgam (4,000 ft.), July 29.

133. *HEBOMOIA GLAUCIPPE.*

Papilio glaucippe, Linn, Syst. Ent. i, 2, p. 762 (1767).

Hebomoia glaucippe, Moore, Lep. Ind. vii, p. 123, pl. 591, figs. 1-1c (1909); Bingham, Faun. Brit. Ind. Butt. ii, p. 274 (1907).

One male specimen.

Habong River (17,000 ft.), Aug. 2.

134. *APORIA AGATHON.*

Pieris agathon, Gray, Zool. Misc., p. 33 (1832).

Metaporia agathon, Moore, Lep. Ind. vi, p. 156, pl. 526, figs. 2-2b (1905).

Aporia agathon, Bingham, Faun. Brit. Ind., Butt. ii, p. 163 (1907).

Two male specimens.

Tsa Chung (7,000 ft.), July 4.

135. *APORIA BAILEYI*, sp. n.

♂. Forewings black, costal area powdered with white except on the costa itself; a large white patch in the discoidal cell, its outer extremity bluntly pointed; a white patch filling up the basal two-thirds of the first interspace; median nervure white; a postmedial series of five white spots, the fourth smallest and the fifth largest, all more or less oval; white spots between veins on termen, except towards apex. Hindwings black; a white patch in the discoidal cell and one along costal area; a series of five white spots beyond the cell, the fourth very small; terminal white spots as on forewings. Underside of forewings similar to above, but the terminal white marks extend inwards edging black spear-points from the postmedial white spots. The underside of the hindwings yellowish white, basal spot orange; venation broadly black, hastate marks between veins also black the points extending to termen.

Expanse 76-78 millim.

Closely allied to *A. harrietae*, de Nicéville,* from Bhutan (J. B. N. H. 1892).

Four male specimens.

Menkong (1,000 ft.), June 16; Di Chu, (9,000 ft.), July 9.

136. *APORIA DUBERNADI.*

Pieris dubernadi, Oberthür. Etud. d'Entom. ix, p. 13, pl. i, fig. 6 (1884).

Aporia dubernadi, Leech, Butt. China, Japan and Corea, p. 467, pl. xxxvi, fig. 8 ♀ (1893).

Twelve specimens including both sexes. Some specimens are referable to *chumbiensis*, Moore, others are intermediate between that form and the type.

* Journ. Bomb. Nat. His. Soc. vii, p. 341, pl. I, figs. 3 ♂, 4 ♀ (1892).

Liu Yang (7,000 ft.), May 9; Liang ho kao (10,300 ft.), May 15; Kia la (14,000 ft.), June 10; Tsema la (15,500 ft.), June 17; Zhasha la (15,000 ft.), June 20; Shiuden Gompa (13,500 ft.), June 29.

137. APORIA DAVIDIS.

Pieris davidis, Oberthür, Etud. d'Entom. ii, p. 18, pl. i, fig. 5 ♂ (1876); Leech, Entom. xxiv, suppl. p. 57, ♀ (1891).

Aporia davidis, Leech, Butt. China, Japan and Corea, p. 468, pl. xxxvi, fig. 1 ♀ (1893).

Eleven male specimens and one female, the latter, which agrees with the female type, from Tsema la. In one male (Kia la) the subterminal marking is almost entirely absent.

Liu Yang (7,000 ft.), May 9th; Liang ho kao (10,300 ft.), May 15; Batang (12,000 ft.), June 2; between Kia la and yer ka lo (12,000 ft.), June 6; E. of Kia la (14,000 ft.), June 10; Ridong (12,000 ft.), and Tsema la (15,500 ft.), June 17; Gon se (12,500 ft.), June 18.

138. APORIA MARTINETI.

Pieris martineti, Oberthür, Etud. d'Entom. ix, p. 12, pl. i, fig. 5 ♂ (1881).

Aporia martineti, Leech, Butt. China, Japan and Corea, p. 470 (1893).

Three male specimens.

Kia la (12,000 feet), June 10; Shiuden Gompa (13,500 ft.), June 27; Pugu (15,000 ft.), June 30.

139. APORIA HIPPIA.

Pieris hippia, Bremer, Bull. Acad. Pet. iii, p. 464 (1861.)

Aporia hippia, Leech, Batt., China, Japan and Corea, p. 471 (1893.)

Aporia thibetana, Gr.-Gr., Hor. Ent. Ross. xxvii, p. 127.

Four specimens agreeing with specimens labelled Var. *thibetana* in the British Museum.

Between Kia la and yer ka lo, Ching (12,000 ft.), June 6; La Gong (10,000 ft.), June 11; Menkong (10,000 ft.), June 16 (2 specimens).

140. APORIA VENATA.

Pieris davidis var. *venata*, Leech. Entom. xxiv., Suppl. p. 58 (June 1891); Butt. China, p. 469, pl. xxxvi, fig. 3 (1893.)

Pieris davidina, Oberthür, Etud. d'Entom. xv, p. 8, pl. iii, fig. 20 (July 1891).

Thirteen male specimens and one female.

Liu Yang (7,000 ft.), May 9; Liang ho kao (10,300 ft.), May 15; Ta chien lu (8,400 ft.), May 17; Nyachuka (10,000 ft.), May 25; Ridong (13,000 ft.), June 17; Gon se (12,500 ft.), June 18; Sanga Chu Dzong (11,000 ft.), July 1.

141. APORIA BIETI.

Pieris bieti, Oberthür, Etud. d'Entom. ix, p. 12, pl. i, figs. 7 ♂, 8 ♀ (1884).

Aporia hippia, Leech, Butt. China, Japan and Corea, p. 471 (1893).

Aporia sulphurea, Oberthür, Leech, l. c., 472, pl. xxxvi, fig. 2.

Two male specimens and one female, (Sanga Chu Dzong), the latter is referable to ab. *sulphurea*, Oberth.

Drowa Gompa (10,000 ft.), June 21; Sanga Chu Dzong (12,000 ft.), June 30 and July 1.

142. APORIA PROCRIS.

Aporia procris, Leech, Entom. xxiii, p. 191 (1890); Butt. China, Japan and Corea, p. 469, pl. xxxii, fig. 10 ♂ (1893).

Pieris halisca, Oberthür, Etud. d'Entom. xv, p. 7, pl. iii, fig. 23 (1891).

Eight male specimens and one female.

North of Tondu la (9,000 ft.), June 14; Kia la (2,000 ft.), June 10, ♀.

Ab extrema, nov.

Differs from the typical form in having all the veins and markings strongly black, the markings on terminal area of the forewings more or less confluent forming a broad border; a black spot at end of the cell. Sometimes very large.

Six male specimens.

Nya Chuka (10,000 ft.), May 25; N. of Tondu la (9,000 ft.), June 14; Menkong (10,000 ft.), June 16.

143. APORIA GOUTELLEI.

Pieris goutellei, Oberthür, Etud. d'Entom. xi, p. 15, pl. ii, fig. 11 (1886).

Metaporia goutellei, Leech, Butt. China, Japan and Corea, p. 465 (1893).

Two male specimens.

Ridong (13,000 ft.), June 17.

144. APORIA DELAVAYI.

Pieris delavayi, Oberthür, Etud. d'Entom. xiii, p. 37, pl. ix, fig. 97 (1890).

Metaporia delavayi, Leech, Butt. China, Japan and Corea, p. 466 (1893).

Six male specimens.

Drowa Gompa (10,000 ft.), June 21 and 22; Sanga Chu Dzong (12,000 ft.), June 30; Chikung (9,000 ft.), July 3.

145. MESAPIA PELORIA.

Pieris peloria, Hewitson, Exot. Butt. i, pl. ii, figs. 15, 16 (1853).

Mesapia peloria, Leech, Butt. China, Japan and Corea, p. 659 (1894).

Eleven specimens, only one of which is of the female sex.

Shiuden Gompa (13,500 ft.), June 21 (♀); Pugo (14,900 ft.), June 27.

146. BALTIA BUTLERI.

Synchlae butleri, Moore, Proc. Zool. Soc. Lond., 1882, p. 256, pl. xi, figs. 6, 6a.

Baltia butleri, Moore, Lep. Ind. vi, p. 145, pl. 522, figs. 3-3b (1904); Bingham, Faun. Brit. Ind., Butt. ii, p. 159 (1907).

Three male specimens.

Rama la (15,000 ft.), May 26; Jo la (16,000 ft.), June 30.

147. LEUCOCHLÆ DAPLIDICE.

Papilio daplidice, Linn., Syst. Nat. i, 2, p. 760 (1767).

Synchlae daplidice, Leech, Butt. China, Japan and Corea, p. 458 (1893).

Leucochlae daplidice, Röber. Seitz, Gr. Pal. p. 49 (1907).

One female specimen.

Liang ho kou, 15th May.

148. PIERIS CANIDIA.

Papilio canidia, Sparman, Amoen. Acad. vii, p. 504 (1768).

Pieris canidia, Leech, Butt. China, Japan and Corea, p. 455 (1893).

Several specimens in both sexes.

Chin pan shi (2,000 ft.), April 13; Chin jih ho (2,000 ft.), April 21; Lu ku pa (3,000 ft.), May 5.

149. PIERIS CRUCIVORA.

Pieris brassicae v. *crucivora*, Boisduval, Sp. Gen., p. 522 (1836).

Pieris rapae var. *crucivora*, Leech, Butt. China, Japan and Corea, p. 457 (1893).

Four specimens.

Mangpa (11,500 ft.), May 21; Batang (9,000 ft.), June 6; Chikung (8,200 ft.), July 4.

150. COLIAS STOLICZKANA.

Colias stoliczkanus, Moore, Ann. and Mag. Nat. Hist., 1878, p. 229; Birmingham, Fauna Brit. India, Butt. ii, p. 242 (1907).

Euryalus stoliczkanus, Moore, Lep. Ind. vii, p. 166, pl. 605, figs. 3, 3b (1909).

Two male specimens.

Pugo (14,900 ft.), June 27; Shiuden Gompa (13,500 ft.), June 29.

151. COLIAS HYALE POLIOGRAPHUS.

Colias poliographus, Motschulsky, Etud. d'Entom. ix, p. 29 (1860).

Colias hyale, Leech, Butt. China, Japan and Corea, p. 432 (1893).

Two male and two female specimens.

Kuan Chao Tzu (Szechuen), 1,500 ft., April 18; Gera (10,000 ft.), June 7; La Gong (10,000 ft.), June 11.

152. COLIAS MONTIUM.

Colias montium, Oberthür, Etud. d'Entom. xi, p. 16, pl. ii, fig. 41, (1886); Leech, Butt. China, Japan and Corea, p. 436, pl. xxxiv, fig. 15 ♀ (1893).

Three male and five female specimens.

Rama la (11,000 ft.), May 21; Nenda (12,700 ft.), May 31; Pugo (14,900 ft.), June 27.

153. COLIAS NASTES.

Colias nastes, Boisduval, Icones., 8 pl., figs. 4 and 5 (1832).

Colias cocandica, Ersch, Fedtsch., p. 6, pl. 1, fig. 3 ♀ (1874).

Colias nebulosa, Oberthür, Etud. d'Entom. xix, p. 8, pl. 8, fig. 65 (1894).

Colias nastes, Bingham, Faun. Brit. Ind., Butt. ii, p. 238 (1907).

Four male specimens of a form between *cocandica* and *nebulosa*.

Pugo (14,900 ft.), June 27.

154. COLIAS EOGENE.

Colias eogene, Feld., Reise Nov., p. 196, pl. 27, fig 7 ♂ (1865).

Colias wanda, Gr. Gr., Hor. Ent. Soc. Ross. xxvii, p. 383 (1893).

One specimen.

Jo la (16,000 ft.), June 30.

155. COLIAS FIELDII.

Colias fieldii, Ménétriès, Cat Mus. Pet. i, p. 79, pl. i, fig. 5 (1855); Leech, Butt. China, Japan and Corea, p. 438, pl. xxxv, figs. 6 ♂, 7 ♀ (1893).

A number of specimens. A male, the only example from Kuan Chao Tzu, is of small size and has rather narrow black border.

Kuan Chao Tzu (Sze Chuan) (1,500 ft.), April 18; between Kia la and Yer ka la (12,000 ft.), June 10; Menkong (10,000 ft.), June 16; Ridong (12,000 ft.), June 18; Drowa Gompa (10,000 ft.), June 22; Sanga Chu Dzong (12,000 ft.), June 25; Pugo (4,900 ft.), June 27; Minzong (3,500 ft.), July 20.

156. TERIAS ANEMONE.

Terias anemone, Felder, Wein. Ent. Mon. vi, p. 23 (1862).

Terias mariesii, Butler, Trans. Ent. Soc. Lond. 1880, p. 198, pl. vii, figs. 1-7.

Terias hecabe, Leech, Butt. China, Japan and Corea, p. 428 (1893).

Terias hybrida, Butler, Trans. Ent. Soc. Lond., 1880, p. 199.

Four specimens, the one from Trana is aberrant and seems to be referable to *hybrida*, Butl.

Trana (7,100 ft.), June 15; Minzong (3,500 ft.), July 20; Khupa (2,500 ft.), July 25; Salamgam (3,000 ft.), July 28.

157. TERIAS HECABE.

Terias hecabe, Linn., Syst. Nat. i, 2, p. 763 (1767).

Terias cesiopa, Ménètriès, Cat. Mus. Pet. i, p. 85, pl. 2, fig. 3 (1855).

Several specimens. One from Khupa approaches the form *cesiopa*, and a specimen from Ding Mann has the black of outer border of forewings continued along the dorsum for two-thirds its length, black border of the hindwings is very broad on the tornal half.

Khupa (2,500 ft.), July 25; Ding Mann (2,000 ft.), July 27; Tashianliang (1,500 ft.), July 31; Dze River (1,500 ft.), Aug. 1.

158. DERCAS DOUBLEDAYI.

Dercas doubledayi, Moore, Lep. Ind. vii, p. 31, pl. 562, figs. 1-1e (1906).

Dercas verhuelli, Doubleday, Gen. Diurn. Lep. i, p. 71 (1847); Bingham, Faun. Brit. Ind., Butt. ii, p. 226 (1907).

One male specimen.

Tila (3,000 ft.), July 22.

159. DERCAS LYCORIAS.

Rhodocera lycorias, Doubleday, Gray's Zool. Misc., p. 77 (1842).

Dercas brindaba, Swinhoe, Ann. and Mag. Nat. Hist., 1899, p. 107.

Gonepteryx wallachii, Doubleday, Proc. Ent. Soc. Lond. v, p. xlvi (1848); *Dercas wallichii*, Leech, Butt. China, Japan and Corea, p. 445, pl. xxxv, fig. 3 ♂ (1893); Bingham, Faun. Brit. Ind., Butt. ii, p. 227 (1907).

Three specimens.

Dabla (8,000 ft.), July 4; Rima (6,500 ft.), July 5; Kahao (5,000 ft.), July 15.

160. GONEPTERYX ASPASIA.

Gonepteryx aspasia, Ménét., Schrencks, Reis, p. 17, pl. i, fig. 6 ♂; Leech, Butt. China, Japan and Corea, p. 442 (1893); Bingham, Faun. Brit. Ind., Butt.

Several specimens.

Liu Yang (7,000 ft.), May 9; Ta-chien-lu (8,400 ft.), May 17; Nyachuka (10,000 ft.), May 24; Nun Chou (12,500 ft.), June 9; Kia la (12,000 ft.), June 10; Giada (9,500 ft.), July 2; Chikung (8,300 ft.), July 3.

161. GONEPTERYX NEPALENSIS.

Gonepteryx nepalensis, Doubleday, Gen. Diurn. Lep. i, p. 71 (1847).

Colias nepalensis, Moore, Lep. Ind. vii, p. 24, pl. 559, figs. 2-2g (1906).

Gonepteryx rhammi, Bingham, Faun. Brit. Ind., Butt. ii, p. 229 (1907).

One male specimen.

Gera (10,000 ft.), June 7.

162. IXIAS PYRENE.

Papilio pyrene, Linn., Mus. Ulr., p. 24 (1764).

Ixias pyrene, Moore, Lep. Ind. vii, p. 99, pl. 579, figs. 1-1d (1909); Bingham, Faun. Brit. Ind., Butt. ii, p. 193, pl. xviii (1907).

One male specimen.

Dze River (15,000 ft.), August 1.

163. LEUCOPHASIA AMURENSIS.

Leucophasia amurensis, Ménétrier, Schr. Reis. ii, p. 15, pl. i, figs. 4-5 (1859); Leech, Butt. China, Japan and Corea, p. 482 (1893.)
Three specimens.

Oroshi (10,000 ft.), May 23; Nyachuka (9,000 ft.), May 25; Gera (9,000 ft.), June 7.

164. EUCHLOE BIETI.

Anthocharis bieti, Oberthür, Etud. d'Entom. ix, p. 14, pl. i, fig. 1 ♀ (1884); xi, p. 16, pl. vi., fig. 39 ♂ (1886); Leech, Butt. China, Japan and Corea, p. 478 (1893).

Four male specimens and one female.

Shiuden Gompa (13,500 ft.), June 29.

165. EUCHLOE CARDAMINES.

Papilio cardamines, Linn., Syst. Nat. i, 2, p. 761 (1767).

Anthocharis cardamines var. *thibetana*, Oberthür, Etud. d'Entom. xi, p. 16 (1886).

Anthocharis cardamines, Leech, Butt. China, Japan and Corea, p. 476 (1893).

One male specimen.

Wu chia Chang (Sze Chuan), (2,000 ft.), April 14.

166. EUCHLOE SCOLYmus.

Anthocharis scolymus, Butler, Journ. Linn. Soc. Zool. ix, p. 52 (1866). Leech, Butt. China, Japan and Corea, p. 479 (1893).

Two male specimens agreeing in size with typical Japanese examples. The specimens from Western China in the B. M. collection are rather below the average size.

Chin Pan Shi (Sze Chuan), (2,000 ft.), April 13.

FAMILY—RIODINIDÆ.

Sub-family.—NEMEOBIINÆ.

167. ZEMEROS FLEGYAS.

Papilio flegyas, Cramer, Pap. Exot. iii, pl. cclxxx, figs. E, F (1780.)

Zemeros flegyas, Doubleday, Hewitson Gen. Diurn. Lep. ii, p. 419. pl. xxix, fig. 5 (1851); Leech, Butt. China, Japan and Corea, p. 290 (1893.)

A male specimen.

Salamgam (2,000 ft.), July 28.

168. DODONA EUGENES.

Dodona eugenes, Bates, Journ. Linn. Soc. Zool. ix, p. 371 (1867); Leech, Butt. China, Japan and Corea, p. 292 (1893).

One male specimen.

Latrong (10,000 ft.), June 13.

169. DODONA SINICA.

Dodona durga var. *sinica*, Leech, Butt. China, Japan and Corea, p. 291 pl. xxviii, fig. 3 (1893).

One male specimen.

Liu Yang (7,000 ft.), May 9.

170. DODONA EGEON.

Taxila egeon, Westwood, Gen. Diurn. Lep. ii, p. 422, pl. 69, fig. 2 (1851).

Dodona egeon, Moore, Lep. Ind. v, p. 69, pl. 396, figs. 2-2c (1901).

One female specimen.

Panye (2,000 ft.), July 26.

171. STIBOGES NYMPHIDIA.

Stiboges nymphidia, Butler, Proc. Zool. Soc., Lond., 1876, p. 309, pl. xxii.

fig. 1 ♀; Leech, Butt. China, Japan and Corea, p. 295 (1893).

One female specimen.

Ding Manon (2,000 ft.), July 27.

172. ABISARA FYLLA.

Abisara fylla, Doubleday, List Lep. Brit. Mus. pt. 2, p. 2 (1847); Leech, Butt. China, Japan and Corea, p. 296 (1893).

Sospita fylla, Moore, Lep. Ind. v, p. 78, pl. 399, figs. 1-1c (1901.).

Two specimens.

Tulang (3,500 ft.), July 18 (♀); Salamgam (3,000 ft.), July 28.

FAMILY.—LYCÆNIDÆ.

173. LYCÆNA LANTY.

Lycæna lanty, Oberthür, Etud. d'Entom. xi, [p. 21, pl. vii, fig. 53 (1886); Leech, Butt. China, Japan and Corea, p. 310 (1893)].

Eight male specimens and five females.

Nenda (12,000 ft.), May 31; Pongtramo (12,000 ft.), June 2; Pugo (14,900 ft.), June 27; Shiuden Gompa (13,500 ft.), June 29. Tsa Chung (7,000 ft.), July 4 (Small ♀).

174. LYCÆNA PHERETES.

Papilio pheretes, Hübner, Eur. Schmett. i, p. 45 (1865).

Lycæna pheretes, Bingham, Fauna Brit. Ind., Butt. ii, p. 352 (1907).

Plebeius pheretes, Moore, Lep. Ind. viii, p. 21 (1910).

Four male specimens agreeing with those from Western China in the British Museum and one female.

The female (Di Chu) agrees fairly well with W. China specimens of the same sex, but is rather larger, and the fringes are white. On the underside all the spots are large and white, those of outer series on forewings are faintly coloured with greyish; the medial third of hindwings is tinged with ochreous.

Tsong la (13,500 ft.), June 19; Zhasha-la (14,000) ft., June 20; Drowa Gompa (10,600 ft.), June 21; Pugo (14,900 ft.), June 27; Di Chu (9,000 ft.), July 12.

175. LYCÆNA DIS.

Lycæna dis, Grum-Grshimailo, Hor. Ent. Ross. xxv, p. 453 (1891).

Two female specimens.

Compared with the type of *dis*, which is in the British Museum, the white discoidal spots on upperside are rather larger. On the underside the forewings are suffused with whitish, and all the wings are bordered with white, the border of hindwings very broad.

Poda (15,000 ft.), June 30.

176. LYCÆNA ARIANA.

Polyommatus ariana, Moore, Proc. Zool. Soc., Lond., 1865, p. 504, pl. 31, fig. 2; Lep. Ind., p. 26, pl. 646, fig. 2 (1910).

Lycæna stolizkana, Felder., Reise Norara Lep. ii, p. 283. pl. 35, figs. 10, 11 (1865); Bingham, Fauna. Brit. Ind., Butt; ii, p. 341 (1907).
Several specimens, including both sexes.
Sanga Chu Dzong (12,000 ft.), June 26.

177. LYCÆNOPSIS ARGIOLUS.

Papilio argiolus, Linn., Syst. Nat. x, p. 483 (1758).
Cyaniris argiolus, Leech, Butt. China, Japan and Corea, p. 320 (1893).
Cyaniris sikkima, Moore, Proc. Zool. Soc., Lond., 1863, p. 524, pl. 48, fig. 11 E.
Lycænopsis albocoerulescens, Chapman, Proc. Zool. Soc., Lond., 1909, p. 446.
Lycænopsis sikkima, Moore, Lep. Ind. vii, p. 214, pl. 622, fig. 2 (1910).
Sixteen male specimens and 2 females. Nine of the males are more or less typical, two (Chikung) are referable to *albocoerulescens* and five (also Chikung) to *sikkima*.
Ta Pen Ba (5,000 ft.), May 8; Liu Yang (7,000 ft.), May 11; Batang (9,000 ft.), June 6 (♀); Lonpo (8,000 ft.), June 15 (♀); Menkong (10,000 ft.), June 16; Chikung (8,500 ft.), July 3.

178. LYCÆNOPSIS DILECTUS.

Polyommatus dilectus, Moore, Proc. Zool. Soc., Lond., 1879, p. 139.
Cyaniris dilectus, Leech, Butt. China, Japan and Corea, p. 319, pl. xxxi fig. 10 ♂ (1893).
Seven specimens.
Chikung (8,500 ft.), July 3; Mango (4,000 ft.), July 16; Minzong (3,500 ft.), July 19.

179. LYCÆNOPSIS LIMBATA.

Polyommatus limbatus, Moore, Proc. Zool. Soc., Lond., 1879, p. 139.
Lycænopsis limbata, Moore, Lep. Ind. vii, p. 218, pl. 623, fig. 3 (1910).
Cyaniris limbata, Bingham, Faun. Brit. Ind., Butt. ii, p. 329 (1907).
Cyaniris placida, de Nicéville, J. A. S. B., 1883, p. 68, pl. i, fig. 8; Bingham, Faun. Brit. Ind., Butt. ii, p. 326 (1907).
Lycænopsis placida, Moore, Lep. Ind. vii, p. 229. pl. 624, figs. 2-2c (1910).
Eight specimens referable to *placida*.
Mango (4,000 ft.), July 16; Tulang. (4,000 ft.), July 17.

180. LYCÆNOPSIS PUSPA.

Polyommatus puspa, Horsfield, Cat. Lep. E. I. C., p. 67 (1828).
Cyaniris puspa, Bingham, Faun. Brit. Ind. ii, p. 323 (1907).
Lycænopsis puspa, Moore, Lep. Ind. vii, p. 208, pl. 620, figs. 2-2c (1910).
Two specimens.
Muku (3,400 ft.), July 21; Tashianliang (1,500 ft.), July 31.

181. BOTHRINA CHENNELLII.

Cyaniris chennellii, de Nicéville, J. A. S. B., 1883, p. 72, pl. i, fig. 10; Bingham, Fauna Brit. Ind., Butt. ii, p. 327 (1907).
Bothrinia chennellii, Moore, Lep. Ind. vii, p. 270, pl. 638, figs. 2-2b (1910).
One male specimen.
Tondu la (9,000 ft.), June 14.

182. CASTALIUS ELNA.

Lycæna elna, Ex., Butt. v. (*Lycæna*) pl. 1, fig. 8 (1876).
Castalius elna, Bingham, Faun., Brit. Ind., Butt. ii, p. 430 (1907); Moore, Lep. Ind. vii, p. 246, pl. 632, figs. 2-2c (1910).
One male specimen.
Habong River (1,700 ft.), August 2.

183. ZIZERA MAHA.

Lycæna maha, Kollar, Hugel's Kashmir, iv, pl. 2, p. 422 (1848).
Lycæna argia, Ménétriés, Cat. Mus. Petr. ii, p. 125, pl. x, fig. 7 (1857).

Lycæna marginata, Poujade, Ann. Soc. Ent. Fr., 1885, p. cli.

Zizera maha, Leech, Butt. China, Japan and Corea, p. 325 (1893).

Twelve specimens. Some approach *argia*, Ménétriés, in form; others agree with *marginata*, Poujade.

Kao Pen Tsai, (Szechuan) (1,500 ft.), April 19; Lu Pan Chiao (Szechuan), (1,700 ft.), April 20; Lu Ku Pa (Szechuan), (3,000 ft.), May 2; Minzong, M. (3,500 ft.), July 19; Salamgam (3,000 ft.), July 28.

184. EVERES ION.

Lycæna ion, Leech, Entom. xxiv, Suppl., p. 58 (June 1891); Butt., China, p. 331, pl. xxxi, fig. 4 ♂ (1893).

Eight specimens.

Drowa Gompa (10,000 ft.), June 21; Sanga Chu Dzong (4,000 ft.), June 23; Chikung (9,000 ft.), July 3; Kahao (9,300 ft.), July 15.

185. EVERES ARGIADES.

Papilio argiades, Pallas, Reise i. p. 472 (1771).

Lycæna hillotia, Ménétriés, Cat. Mus. Petr. ii, p. 124, pl. x, fig. 6 (1857).

Everes argiades, Leech, Butt. China, Japan and Corea, p. 328 (1893).

Five male specimens and two females. Two males (Chin Pan Shi) are referable to *hellotia*.

Chin Pan Shi (Szechuan) 2,000 ft., April 13; Kahao (5,200 ft.), July 7.

186. EVERES XUTHUS.

Everes xuthus, Leech, Butt. China, Japan and Corea, p. 330, pl. xxxi, fig. 7 ♂ (1893).

Four male specimens.

Ta Pen Ba (5,000), May 8; Minzong (3,500 ft.), July 19.

187. LAMPIDES BOETICA.

Papilio boeticus, Linn., Syst. Nat. xii, p. 789 (1767).

Polyommatus boeticus, Leech, Butt. China, Japan and Corea, p. 337 (1893).

Several specimens.

Ni Tou Yi (Szechuan) (5,000 ft.), May 4; Sanga Chu Dzong (11,000 ft.), July 1; Dong (4,500 ft.), July 15; Tinai (4,200 ft.), July 16.

188. NACADUBA ARDATES.

Lycæna ardates, Moore, Proc. Zool. Soc., Lond., 1874, p. 574, pl. 67, fig. 1.

Nacaduba ardates, Bingham, Faun. Brit. Ind., Butt. ii, p. 39 (1907).

Nacaduba nora, Moore, Lep. Ind. viii, p. 82, pl. 659, fig. 1-1b (1910).

Five specimens.

Pangam (2,500 ft.), July 24; Tashianliang (2,000 ft.), July 29; Dze River (1,500 ft.), August 1; Habong River (1,700 ft.), August 2.

189. CHRYSOPHANUS STANDFUSSI SUBBRUNNEA, var. nov.

Polyommatus standfussi, Grum-Grshimailo, Hor. Ross., 1891, p. 450.

Chrysophanus standfussi, Leech, Butt. China, Japan and Corea, p. 404, pl. xxx, fig. 19 ♂ (1893).

Two specimens. These differ from typical lines in having the underside of the wings brownish instead of grey.

Sanga Chu Dzong (12,000 ft.), June 25; Poda (5,000 ft.), June 30.

190. CHRYSOPHANUS LI.

Chrysophanus li, Oberthür, Etud. d'Entom. xi, p. 19, pl. v, figs. 34 ♂, 38 ♀ (1886); Leech, Butt. China, Japan and Corea, p. 402 (1893).

Several specimens. In one female (Tsong-en) the fulvous colour is almost absent, except a narrow postmedian band.

Lêng Chu (Szechuan), 4,500 ft., May 7; Ta Pen Ba (5,000 ft.), May 8; Liu Yang (7,000 ft.), May 9; Tsongén (11,000 ft.), June 9.

191. CHRYSOPHANUS TSENG.

Chrysophanus tseng, Oberthür, Etud. d'Entom. xi, p. 19, pl. v, fig. 35 (1886); Leech, Butt. China, Japan and Corea, p. 403, pl. xxx, fig. 7 ♀ (1893).

One male specimen.

Leng Chu (4,500 ft.), May 7.

192. CHRYSOPHANUS PANG.

Chrysophanus pang, Oberthür, Etud. d'Entom. xi, p. 19, pl. v, fig. 36 (1886); Leech, Butt. China, Japan and Corea, p. 403 (1893).

Seven male specimens and two females.

Ta Chien Lu (8,400 ft.) and Boi La To (12,000 ft.), May 17; Rong Sa La (14,000 ft.), June 1; Jara La Ka (15,000 ft.), June 2; between Kia La and Yer Ka Lo (14,000 ft.), June 10; Sanga Chu Dzong (12,000 ft.), June 25; Poda (15,000), June 30.

193. ILERDA EPICLES.

Polyommatus epicles, Godart, Enc. Méth. ix, p. 646 (1822).

Ilerda epicles, Leech, Butt. China, Japan and Corea, p. 408, pl. xxx, fig. 6 ♂ (1893).

Twelve specimens, all males.

Tulang (4,000 ft.), July 17.

194. ILERDA ANDROCLES.

Ilerda androcles, Hewitson, Gen. Diur. Lep. ii, pl. 75, fig. 2 (1852).

Heliophorus androcles, Moore, Lep. Ind. viii, p. 107, pl. 664, figs. 3—3c, (1910).

Two male specimens.

Chikung (8500 ft.), July 3, (7500 ft.), July 4.

195. APHNÆUS SYAMA MISHMISENSIS, var. nov.

♂. Forewings purplish blue, with greenish reflection in certain lights; two black spots in the cell, costal area clouded with blackish; terminal border black, divided by an obscure pale transverse line, the inner portion of the border not extending to dorsum. Hindwings of same colour as the forewings, blackish on costal and dorsal areas; termen narrowly edged with black; tornal patch orange, enclosing two silvery marked black spots. Underside creamy white with silvery lined black markings on all wings arranged pretty much as in *Z. zibrina*, Moore; the terminal border of the forewings black, transversely intersected by a thin, interrupted, pale line.

♀. Fuliginous, without trace of purplish blue; black markings of the underside showing through.

Expanse 38—41 millim. ♂; 40 millim. ♀.

Eight male specimens and one female.

Kahao (5,300 ft.), July 7.

In the British Museum there are four specimens (1 ♂, 3 ♀ ♀) of an unnamed *Aphnæus*, from Western China, these seem to be of the same form as that here described.

196. *APHNÆUS SYAMA*.

Amblypodia syama, Horsfield, Cat. Lep. E. I. C., p. 107 (1829).

Aphnæus syama. Leech, Butt. China, Japan and Corea, p. 410 (1893); Swinhoe, Lep. Ind. ix, p. 167 (1911).

Three male specimens and a female, all rather abraded.

Rima (6,000 ft.), July 5; Kahao (5,200 ft.), July 13.

197. *HYPOLYCÆNA ERYLUS*.

Polyommatus erylus, Godt., Enc. Méth. ix, p. 633 (1823).

Hypolycæna erylus, Moore, Lep. Ind. ix, p. 93, pl. 723, figs. 1-1b. (1911).

Two male specimens.

Digaru River (1,200 ft.), August 3, (1,100 ft.), August 6.

198. *STRYMON ÆNAME*.

Thecla æname, Leech, Butt. China, Japan and Corea, p. 366, pl. xxix, figs. 6 ♂, 9 ♀ (1893).

Seven specimens.

Lompo (8,000 ft.), June 15.

199. *ZINASPA TODARA NEGLECTA*, var. nov.

Zinaspa ditorda, de Nicèville; Leech, Butt. China, Japan and Corea, p. 346 (1893).

Zinaspa todara, Moore, Lep. Ind. ix, p. 14, pl. 720, figs. 2-2b (1911).

In this form the purple colour of the male is of darker and duller tint than in either typical *todara* or *distorta*. In the female the purple does not extend beyond the basal half of the forewings, whereas in *todara* this colour spreads over the basal two-thirds, and in *distorta* the purplish or bluish colour extends across quite three-fourths of the forewings.

Expanse 36 millim.

Two male specimens and one female.

Lêng Chu (4,500 ft.), May 7.

There were nine specimens from Western China in the Leech collection, now in the British Museum. These were referred to *distorta* but they are identical with the form here described as *neglecta*.

200. *RAPALA CATENA*, sp. n.

♂. Purple inclining to bluish on the discal area of each wing, a small orange mark surmounted by a cluster of bluish scales in tornal lobe of hindwings. Underside grey; each wing with two white lines at the outer extremity of cell, and two wavy white lines forming chain-like postmedial bands, the band on hindwings bent inwards at middle and angled before dorsum.

Expanse 40 millim.

One male specimen captured at Rima (5,500 ft.), July 7th, 1911.

Allied to *R. repercussa*, Leech, from Western China.

201. *RAPALA SCHISTACEA*.

Deudorix schistacea, Moore, Proc. Zool. Soc., Lond., 1879, p. 140.

Rapala schistacea, Moore, Lep. Ind. ix, p. 58, pl. 718, figs. 2-2b. (1911).

One male specimen.

Kahao (5,300 ft.), July.

202. *RAPALA NISSA*.

Thecla nissa, Kollar, Hügel's Kashmîr, i, pt. 2, p. 42, pl. iv, figs. 3, 4 (1848).

Rapala subpurpurea, Leech, Entom. xxiii. p. 42 (1890).

Rapala nissa, Leech, Butt. China, Japan and Corea, p. 413, pl. xxix, figs. 12 ♂, 12 ♀ (1893).

One male specimen.

Chikung (8,200 ft.), July 4.

203. HYSUDRA MICANS.

Thecla micans, Bremer and Grey, Schmett. N. China's, p. 9 (1853).

Thecla betuloides, Butler, Ann. and Mag. Nat. Hist. (5) vii, p. 34, pl. iv, fig. 2 (1881).

Rapala micans, Leech, Butt. China, Japan and Corea, p. 414, pl. xxvii, fig. 13 ♂ (1893).

One female specimen of the *betuloides* form.

Nyachuka (10,000 ft.), May 25.

204. ARHOPALA RAMA.

Thecla rama, Kollar, Hügel's Kashmir, iv, pt. 2, p. 512, pl. iv, figs. 1, 2, ♂ (1848).

Arhopala rama, Leech, Butt. China, Japan and Corea, p. 344 (1893).

Two male specimens and one female.

Rima (6,500 ft.), July 5; Kahad (5,000 ft.), July 15 (♀); Tula (3,000 ft.), July 22.

205. CURETIS BULIS.

Anops bulis, Doubleday and Hewitson, Gen. Diurn. Lep. ii, p. 473, pl. lxxv, fig. 5 ♂.

Curetis bulis, Bingham, Fauna Brit. Ind., Butt. ii, p. 441 (1907).

One male specimen.

Tulang (4,000 ft.), July 17.

206. CURETIS ACUTA.

Curetis acuta, Moore, Ann. and Mag. Nat. Hist. (4) xx, p. 50. (1877); Leech, Butt. China, Japan and Corea, p. 349 (1893).

One male specimen.

Tulang (4,000 ft.), July 17.

FAMILY.—HESPERIIDÆ.

207. ACHALARUS SIMPLEX.

Eudamus simplex, Leech, Entom., xxix, Suppl. p. 58 (June 1891).

Eudamus gener, Oberthur, Etud. d'Entom. xv, p. 18, pl. i, fig. 2 (July 1891).

Achalarus simplex, Butt. China, Japan and Corea, p. 561, pl. xxxviii, fig. 12 ♂ (1893).

Seven specimens including both sexes.

Liu Yang (7,000 ft.), May 9; Drowa Gompa (10,000 ft.), June 21. Giada (9,500 ft.), July 2; Chikung (8,300 ft.), July 3, (7,500 ft.), July 4.

208. ACHALARUS NEPOS.

Eudamus nepos, Oberthur, Etud. d'Entom. xi, pl. vi, fig. 49 (1886).

Achalarus nepos, Leech, Butt. China, Japan and Corea, p. 561 (1893).

Six specimens.

Leng Chu (4,500), May 7; Batang (9,000 ft.), June 6; Gera (9,000 ft.), June 7.

209. CELÆNORRHINUS CHINENSIS.

Celænorhinus chinensis, Swinhoe, Ann. and Mag. Nat. Hist. (7) xx, p. 431 (1907).

Two male specimens. Probably a form of *C. leucocorae*, Koll.
Pangam M. (2,500 ft.), July 24; Ding Manou (3,000 ft.), July 27.

210. *CELENORRHINUS?* *BADIA.*

Celænorrhinus badia, Hewitson, Ann. and Mag. Nat. Hist. (4) xx, p. 322
(1877).

One female specimen which seems to be referable to *badia*.
Tulang (4,000 ft.), July 17.

211. *CELÆNORRHINUS TIBETANA.*

Merogospida tibetana, Mabille, Ann. Soc. Ent. Fr., 1876, p. liv.

Notocrypta tibetana, Leech, Butt. China, Japan and Corea, p. 628, pl.
xxxviii, fig. 6 (1894).

Two male specimens.

Di Chu (6,000 ft.), July 8; Kahao (5,000 ft.), July 15.

212. *DAIMIO MOOREI.*

Pterygospida moorei, Mabille, Ann. Soc. Ent. Fr., 1876, p. clii.

Daimio sinica, Leesch (part), Butt. China, Japan and Corea, p. 565 (1893).

Three specimens.

Léng Chu (4,500 ft.), May 7.

213. *HESPERIA OBERTHURI.*

Syrichthus oberthuri, Leech, Entom. xxiv, Suppl., p. 59 (June 1891).

Syrichthus delavayi, Oberthur, Etud. d'Entom. xv, p. 20 (July 1891).

Hesperia oberthuri, Leech, Butt. China, Japan and Corea, p. 579, pl. xli,
fig. 5. ♂ (1893).

Five specimens, three of which are of the small form.

Zhasha la (14,500 ft.), June 20 ('small form,); Poda (15,000 ft.), June 30.

214. *HESPERIA BIETI.*

Syrichthus bieti, Oberthür, Etud. d'Entom. xi, p. 26, pl. vi, fig. 50 (1886).

Hesperia bieti, Leech, Butt. China, Japan and Corea, p. 578 (1893).

Four male specimens and one female.

Ti-zu (13,000 ft.), May 21 (♀); Rama la (15,000 ft.), May 26; Litang
(14,000 ft.), May 28; Nenda (12,700 ft.), May 31.

215. *THANAO斯 PELIAS.*

Nisoniades pelias, Leech, Entom. xxiv, Suppl. p. 60 (1891).

Thanaos pelias, Leech, Butt. China, Japan and Corea, p. 581 (1893).

Four specimens.

Ti-zu (1,300 ft.), May 21; Nenda (12,700 ft.), May 31; Batang
(10,000 ft.), June 3; Kia la (13,000 ft.), June 10.

216. *THANAO斯 MONTANUS.*

Pyrgus montanus, Bremer, Bull. Acad. Pets. iii, p. 473 (1861).

Thanaos montanus, Leech, Butt. China, Japan and Corea, p. 580 (1893).

One male specimen.

Shen chia chou (3,600 ft.), April 10.

217. *THANAO斯 NIGRESCENS.*

Thanaos montanus var. *nigrescens*, Leech, Butt. China, Japan and Corea,
p. 581, pl. xlvi, fig. 2 ♂ (1893).

Two male specimens.

Ta pen ba (5,000 ft.), May 8; Batang (10,000 ft.), June 2.

218. TAGIADES ATTICUS.

Hesperia atticus, Fabricius, Ent. Syst. iii, p. 339 (1793).

Tagiades atticus, Leech, Butt. China, Japan and Corea, p. 573, pl. xxviii, fig. 13 (1893).

One male specimen.

Muklu M. (3,400 ft.), July 21.

219. KORUTHAIALOS BUTLERI.

Astictopterus butleri, Wood-Mason and de Nicèville, Journ. As. Soc. Beng. lii., p. 98, pl. ia, fig. 3 (1884).

Koruthaialos butleri, Watson, Proc. Zool. Soc. Lond. 1893, p. 77.

One male specimen.

Payne (2,000 ft.), July 26.

220. PAMPHILA PULCHRA.

Pamphila pulchra, Leech, Entom. xxiv, Suppl. p. 59 (1891); Butt. China Japan and Corea, p. 586, pl. xl, fig. 20 ♂ (1893).

Carterocephalus ops., Grum-Grshimalio, Horae. Ent. Ross. xxv, p. 460 (1891).

Two male specimens.

S. of Ta hsiang ling (Sze chuan) (8,000 ft.), May 3; Liu yang (7,000 ft.), May 9.

221. AUBERTIA NIVEOMACULATUS TIBETANUS, Nov.

Differs from typical *niveomaculatus*, Oberthür*, in having a small white spot at basal end of cell of forewings, and a larger one above it extending almost to base of the wing, in these characters agreeing with *christophi*; the white spot at outer end of cell is smaller as also is the one below it, third spot absent; the transverse white markings on forewings are narrower and rather shorter; the medial series of white spots on hindwings are not so clearly separate.

Five male specimens. One of these (Gon se) has two extra white spots on forewings, placed between the medial spot and the dorsum.

Gon se (12,000 ft.), June 8; La gyap (12,500 ft.), June 18; Sanga chu Dzong (11,000 ft.), July 1.

222. AUBERTIA MONTANA, sp. n.

♂. Forewings black; a spot at base of the costa, a central oblique band formed of four united spots, and a double spot before apex, all yellowish white. Hindwings black, a large central spot and two small spots beyond, yellowish white. Fringes yellowish white, suffused with blackish towards apex of forewings. Underside of forewings blackish, markings as above but whiter; discoidal spot white, linear; apex tinged with chocolate brown, a diffuse whitish dash from apex: hindwings chocolate brown, a small whitish cloud at base of the costa, a whitish oblique dash above dorsum, and a black ringed silvery white dot between the cloud and dash; medial band silvery white, the inner edge almost straight and the outer edge undulate, outlined in blackish; subterminal spots silvery white, eight in number, the first and last pairs united and the third and sixth larger than the others, fringes and termen white, marked with chocolate brown below apex.

Expanse 26 millims.

One male specimen.

Litang (14,000 ft.), May 8.

* Etud. d'Entom. xi, p. 27, pl. ii, fig. 8 (1886).

223. AUBERTIA POSTNIGRA, sp. n.

♂. Forewing black, sprinkled with yellowish grey scales on basal area; a small yellow spot towards basal end of the cell and a larger one at the outer extremity, between the latter and the dorsum are two other yellow spots representing an interrupted medial band; subapical band composed of five yellow spots, the lower two rather out of line with the others; fringes black, mixed with yellow, white at apex. Hindwings black; medial spot yellow, transversely elongate; fringes yellowish white. Underside of forewings dark olivaceous, spots white and rather larger than above; the medial and subapical series connected by a white streak along costal area; some white marks beyond medial series and two white spots at apex. Hindwings blackish, powdered with yellow; a white spot about middle of cell, and a long silvery one at outer end of cell, a white point before the lower extremity of the latter; four silvery white subterminal spots, two near apex, and two below middle, followed by white marks on termen.

Expanse 28 millims.

One male specimen.

The markings are asymmetrical, thus on upperside of left forewing the third spot of medial series is double; on the underside of the left hindwing there is a white spot on middle of costa.

Batang (12,000 ft.), June 2.

224. AUBERTIA DIECKMANNI.

Carcharodes dieckmanni, Græser, Berl. Ent. Zeit. xxxii, p. 102 (1888).

One male specimen.

Chikung (8,500 ft.), July 3.

225. ÆROMACHUS STIGMATA.

Æromachus stigmata, Moore, Proc. Zool. Soc. Lond. 1878, p. 690.

One male specimen.

Tila (3,100 ft.), July 23.

226. AUGIADES SUBHYALINA.

Hesperia subhyalina, Bremer and Grey, Schmett. N. China, p. 10, pl. iii, fig. 4 (1853).

Pamphila subhyalina var. *thibetana*, Oberthür, Etud. d'Entom. xi, p. 28, pl. vi, fig. 45 (1886).

Angiades subhyalina, Leech, Butt. China, Japan and Corea, p. 602, pl. xli, fig. 8 ♂ (1893).

Four specimens.

Menkong (10,000 ft.), June 16 (2 ♂ ♂); Di chu (6,000 ft.) July 2 (♀); Giada (10,000 ft.), July 8 (♀).

227. PARNARA SINENSIS.

Gegenes sinensis, Mabille, Bull. Soc. Zool. Jr. 1877, p. 232.

Pamphila similis, Leech, Entom. xxiii, p. 48 (1900).

Parnara sinensis, Leech, Butt. China, Japan and Corea, p. 608, pl. xlvi, fig. 11 ♂ (1893).

One male specimen.

Liu yang (7,000 ft.), May 9.

228. PARNARA BODA.

Hesperia boda, Moore, Proc. Zool. Soc. Lond. 1878, p. 688.

Parnara boda, Moore, Lep. Ceylon i, p. 167 (1881).

One male specimen.

Salamgam (3,000 ft.), July 28.

229. BAORIS ELTOLA.

Hesperia eltola, Hewitson, Exot. Butt. iv, (Hesperia) pl. iv, fig. 40 (1869).
Parnara eltola, Leech, Butt. China, Japan and Corea, p. 613 (1893).
 Four male specimens.

Tinai (4,000), July 16; Minzong M. (3,800 ft.), July 19. Pangam M. (2,500), July 29.

230. BAORIS ASSAMENSIS.

Baoris assamensis, Wood-Mason and de Nicéville, Journ. Asia. Soc. Beng. 1887, p. 382, pl. xviii., fig. 5.

One male specimen.

Pangam M. (2500 ft.), July 23.

231. TARACTROCERA FLAVOIDES.

Taractrocera flavoides, Leech, Butt. China, Japan and Corea, p. 596, pl. xl figs. 10 ♀, 11 ♂ (1893).

Five male specimens.

Leng chu (Sze chuen) 4,500 ft., May 5; Ta pen ba (5,000 ft.), May 8; Nyachuka (9,000 ft.), May 22.

232. PADRAONA DARA.

Hesperia dara, Kollar, Hügel's Kashmir iv, 2, p. 455 (1848).

Padraona dara, Leech, Butt. China, Japan and Corea, p. 596, pl. xl, figs. 13, 14 (1893).

Two male specimens.

Rima (6,000 ft.), July 5; Khupa (2 500 ft.), July 25.

233. HALPE AUCMA.

Halpe aucma, Swinhoe, Trans. Ent. Soc. Lond. 1892, p. 325.

Three male specimens.

Tulang (4,000 ft.), July 17.

234. HALPE BAILEYI, sp. n.

♂. Antennæ black ringed with yellow, club tipped with reddish yellowish below.

Forewings black, flecked with yellowish on basal area and on two-thirds of costal area; six pale golden spots arranged as follows:—one, slightly contracted about middle, in the cell; two, below outer extremity of cell; three, representing a short band, on costal area at three-fourths. Hind-wings black sparsely clothed with yellowish hair on basal three-fourths. Fringes of all the wings ochreous, mixed with blackish on forewings. Underside ochreous brown inclining to reddish; spots on forewings as above, dorsal area blackish; a postmedial series of 4 or 5 yellowish dots almost parallel with termen, dorsum streaked with blackish.

Expanse 34 millims.

Allied to *H. blanchardi*, Mab.

One male specimen.

Menkong (10,000 ft.), June 16.

235. HALPE SEPARATA.

Halpe separata, Moore, Proc. Zool. Soc. 1882, p. 407.

One male specimen.

Tulang (4,060 ft.), July 17.

236. HALPE BIVITTA.

Pamphila bivitta, Oberthür, Etud. d'Entom. xi, p. 28, pl. vi, fig. 46 (1886).
Halpe bivitta, Leech, Butt. China, Japan and Corea, p. 623 (1893).

Six male specimens.

La Trong (10,000 ft.), June 13; Drowa Gompa (10,000 ft.), June 22;
Sanga chu Dzong (11,000 ft.), July 1.

237. HALPE PERFOSSA, sp. n.

♂. Dark brown inclining to black, ochreous hairs on basal area of all the wings ; six ochreous tinted hyaline spots on forewings—one in the cell, and three in a line from costa beyond, all these are small, upper one of trio minute ; two below cell, the lower one largest and indented on its outer edge. Fringes whitish ochreous, marked with dark-brown at ends of the veins. Underside brown sprinkled with ochreous, spots of forewings appear rather larger.

Expanse 40 millims.

Allied to *H. perara*, Swinhoe.

One male specimen.

Tulang (4,000 ft.), July 17.

238. RHOPALOCAMPTA BENJAMINI.

Thymele benjamini, Guérin, Delers. Souv. Voy. Inde. ii, p. 79, pl. xxii, figs. 2, 2a (1843).

Rhopalocampta benjamini, Leech, Butt. China, Japan and Corea, p. 641 (1893).

One male specimen.

Deng Mann. (2,000 ft.), July 27.